

EXPRESS MAIL LABEL NO. EL813859205US

PATENT APPLICATION  
Docket No. 7678.576a.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of		)	
	Brian Algar	)	
Serial No.	10/069,143	)	Art Unit
Filed:	February 14, 2002	)	Not Yet Assigned
For:	A GLASS COMPOSITION	)	
Examiner:	Not Yet Assigned	)	

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of

which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each of the listed references or relevant portion thereof is also enclosed.

In accordance with 37 C.F.R. § 1.98(c), all English translations within the possession, custody, control or availability of anyone designated in 37 C.F.R. § 1.56(c) of each non-English reference, if any, are also enclosed.

Statement of Relevance of References Listed  
Unaccompanied by English Translation  
Under 37 C.F.R. § 1.98(a)(3)

In accordance with 37 C.F.R. § 1.98(a)(3), the following concise explanation of the relevance of each listed reference that is not in the English language and unaccompanied by a translation into English is provided.

SU 313794:

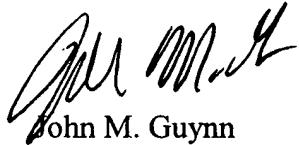
Glass content (in mole %): SiF 40-70%, Al<sub>2</sub>O<sub>3</sub> 5-15%, P<sub>2</sub>O<sub>5</sub> 15-25%, and Li<sub>2</sub>O 10-40%, has a Specific Resistance of 106-107 ohms/cm at the room temperature, falling to 102-103 ohms/cm at 300° C. The material finds use in *e.g.*, fuel cells as a separating membrane, in the thermistor manufacture, and in similar case when an inorganic material of high ionic conductivity is desirable.

Since all other listed references are either in the English language or are accompanied by a translation into English, no concise explanation of relevance is required under 37 C.F.R. § 1.98(a)(3).

Please credit any over payment or charge any additional fees to Deposit Account No. 23-3178 of the undersigned.

DATED this 10<sup>th</sup> day of May 2002.

Respectfully submitted,



John M. Guynn  
Attorney for Applicant  
Registration No. 36,153



**022913**

PATENT TRADEMARK OFFICE

JMG: cm

Applicant: Brian Algar  
Serial No. 10/069,143  
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Att'y Docket No. 7678.576a.1

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANTU.S. Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Issue Date</u>	<u>Name</u>
____ 1	4,285,730	08/25/81	Sanford et al.
____ 2	4,775,592	10/04/88	Akahane et al.
____ 3	4,900,697	02/13/90	Akahane et al.
____ 4	5,130,347	07/14/92	Mitra
____ 5	5,306,338	04/26/94	Tsunekawa
____ 6	5,360,770	11/01/94	Chadwick
____ 7	5,520,725	05/28/96	Kato et al.
____ 8	5,730,601	03/24/98	Bowman et al.
____ 9	5,814,682	09/29/98	Rusin et al.
____ 10	5,871,360	02/16/99	Kato
____ 11	5,955,514	09/21/99	Huang et al.
____ 12	5,962,550	10/05/99	Akahane et al.
____ 13	5,981,620	11/09/99	Hammesfahr et al.
____ 14	6,063,832	05/16/00	Yuhda et al.
____ 15	6,086,374	07/11/00	Litkowski et al.
____ 16	6,191,190	02/20/01	Blackwell et al.

Examiner:

Date Considered:

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant: Brian Algar  
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_____ 17	6,214,101	04/10/01	Nakaseko
_____ 18	6,217,644	04/17/01	Matsunae et al.

Foreign Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Publication Date</u>	<u>Country or Patent Office</u>	<u>English Translation</u>
_____ 19	SU 313794	04/11/72	Soviet Union	No
_____ 20	JP 01 219038	09/01/89	Japan	Yes
_____ 21	EP 0 509 516 B1	03/26/97	EPO	Yes
_____ 22	EP 0 797 975 A2	10/01/97	EPO	Yes
_____ 23	WO 94/19415	09/01/94	PCT	Yes

Other Documents

(including author, title, pertinent pages, etc.)

Examiner  
Initial\*

_____ 24	Toumba, Kyraicos Jack, <i>In Vivo and In Vitro Evaluation of a Slow-Release Fluoride Glass for the Prevention of Dental Caries in High-Risk Children</i> , Published Thesis, University of Leeds, September 1996.
_____ 25	Chemical Abstracts, 112: 184629x, <i>Glass optical filters capable of correcting transmittance or absorbance in the ultraviolet region</i> , Vol. 112, No. 20, page 337, May 1990.
_____ 26	Chemical Abstracts, 6266g, <i>Glass</i> , Vol. 76, No. 2, page 6260, January 1972.

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**References Cited by Applicants**

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

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Examiner:

Date Considered:

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